

ABSTRACT OF THE DISCLOSURE

The present invention provides an electronic circuit, an electro-optical device, and an electronic apparatus in which a high accuracy of predetermined analog current can be supplied by suppressing variations of threshold value voltage of each current generating transistor. A voltage rising transistor of a compensating circuit part for compensating each threshold value voltage at first to sixth current-supplying transistors is arranged and is formed. Further, a source of the voltage rising transistor at the compensating circuit part is connected to an input port of a digital-analog converting part. Further, a drain of the voltage rising transistor is connected to each gate of the first to sixth current-supplying transistors. Further, a reference voltage supplied from a power source supply part to the input port is increased at the compensating circuit part as much as the threshold voltage value of the first to sixth current-supplying transistors for supplying to each gate of the first to sixth current-supplying transistors.